

19. (Twice Amended) A method, for use with a digital image processing system including a digital database having a plurality of images digitized as image data and stored in respective image data files therein, a plurality of image memories, and an output for coupling thereto an image display device having a screen for display of images, for controlling the display of the images, the method comprising the steps of:

defining the screen to contain a plurality of sections;

C¹ selecting a plurality of image data files; reading image data from the selected plurality of image data files and loading the image data into respective image memories;

allocating at least [one] two image [memory] memories containing image data to at least [one] two sections of the screen, respectively; [and]

displaying the image data from the at least [one] two image [memory] memories on the respective screen [section.] sections;

selecting a plurality of the images displayed on the screen sections for manipulation; and

1 D manipulating each of the selected images responsive to a single user command, ^{so that} whereby each selected image is manipulated in the same way at the same time.

C² 20. (Once Amended). A method as recited in claim ³/₂₁ wherein [further comprising] the step of manipulating the displayed images [by] comprises changing the mapping of the image data pixels to the screen pixels of the respective screen sections.

[3 Sub D] 21. (Once Amended) An apparatus, useful with a system including a digital database that stores

sequentially adjacent image data files containing digitized image data corresponding to input images, for controlling the manner in which the digitized image data is accessed from the image data files in the digital database and provided to an output of the apparatus for display on an image display device, said apparatus comprising:

a plurality of image memories for storing digitized image data read from the database;

C³ user command means for registering user commands, including a particular read command to read and display a selected image data file from the database and a subsequent user command to read and to display a sequentially adjacent image file; and

control means responsive to the particular read command for reading the selected image data file and storing the corresponding digitized image data in one of the image memories for subsequent display on the display device, wherein said control means is further responsive to said particular read command for reading one or more image data files sequentially adjacent to the selected image data file and storing the corresponding one or more sequentially adjacent digitized image data in one or more of the remaining image memories whereby access time to display the sequentially adjacent image file pursuant to said subsequent user command is shortened because the sequentially adjacent image file has already been read from the database into one of said image memories.

In claim 41, line 5, change "reproduction" to --display--.